

IN THE CLAIMS

Please amend claims 5, 6, 9, 11, 13-15, 19, 21, 25-27 and 32 as follows:

A1

5. The method as claimed in claim 2 wherein step (b) is conducted prior to step (c).

6. The method as claimed in claim 2 wherein the outlet aperture is one of a plurality of outlet apertures and the sum of cross sectional areas of said outlet apertures is less than the minimum flow rate to be measured.

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9. The method as claimed in claim 7 wherein the outlet aperture is spaced apart from the elongate slot.

A3

11. A flow meter for use in the method according to claim 1, including: a chamber through which the flowable material can pass, the chamber including an outlet aperture at a lower end thereof and a wall defining an enclosed region above said outlet aperture, wherein the dimensions of the wall are such that flow rates can be measured whilst the whole of the outlet aperture in the chamber is occupied by flowable material.

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13. The flow meter as claimed in claim 11 wherein the outlet aperture is one of a plurality of outlet apertures, and the base of the chamber is shaped to facilitate even distribution to each outlet aperture.

14. The flow meter as claimed in claim 11 wherein the chamber further comprises outflow openings above the enclosed region of the chamber.

15. The flow meter as claimed in claim 11 wherein the chamber includes an elongate slot.

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19. The flow meter as claimed in claim 11 wherein the outlet aperture is one of a plurality of outlet apertures.

A6

21. The flow meter as claimed in claim 11 including measurement means for measuring the time taken for the mass of flowable material in the meter to pass from a first mass to a second mass.

A7

25. The method as claimed in claim 24 wherein the flow rates for the first flow rate setting and the second flow rate setting are measured by the method of determining an inlet flow rate (F_{inlet}) of a flowable material including:

(a) passing an inlet stream of flowable material through a chamber having an outlet aperture to one end thereof;

(b) measuring a first rate of change of quantity of material in the chamber when the material is entering at said inlet flow rate;

(c) measuring a second rate of change of quantity of material in the chamber when no material is entering the chamber; and